

SEQUENCE LISTING

<110> Allen, Keith D.

<120> TRANSGENIC MICE CONTAINING INWARDLY
RECTIFYING POTASSIUM CHANNEL (Kir5.1) GENE DISRUPTIONS

<130> R-902

<150> US 60/254,888

<151> 2000-12-11

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1257

<212> DNA

<213> Mus musculus

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Arg Arg Arg Leu Leu His Lys Asp Gly Ser Cys Asn Val Tyr Phe Lys
      35             40             45
His Ile Phe Gly Glu Trp Gly Ser Tyr Met Val Asp Ile Phe Thr Thr
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Leu Val Asp Thr Lys Trp Arg His Met Phe Ile Ile Phe Ser Leu Ser

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Phe	His	His	Gly	Asp	Leu	Leu	Ser	Asp	Pro	Asp	Ile	Thr	Pro	Cys	Val
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Lys	Arg	Ala	Gln	Thr	Ile	Arg	Phe	Ser	Tyr	Phe	Ala	Leu	Ile	Gly	Met
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225				230						235					240
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Leu	Trp	Gly	His	Arg	Phe	His	Asp	Val	Leu	Glu	Val	Lys	Arg	Lys	Tyr
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Pro	Phe	Cys	Ser	Ala	Lys	Gln	Leu	Asp	Trp	Lys	Asp	Gln	Gln	Leu	Asn
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Glu	Asn	Pro	Glu	Glu	Thr	Val	Leu	Ser	Pro	Gln	Asp	Glu	Cys	Lys	Glu
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Met	Pro	Tyr	Gln	Lys	Ala	Leu	Leu	Thr	Leu	Asn	Arg	Ile	Ser	Met	Glu
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gaccatacgc ttcagctatt ttgccctcat tggatgaga gacgggaagc ttgcctcat 180
gtggcgcata ggtgacttcc 200